

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	7485	700/28,29,39,56,59,66,90,108-110,121.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/17 19:01
L2	1212	703/6,7.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/17 19:01
L3	3602	702/33,34,42,43,81,84,91,115,121,182.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/17 19:01
L4	3534	382/141,145-151.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/17 19:01
L5	15259	L1 L2 L3 L4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/17 20:35
L6	1	L5 and (indentor near2 blank)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/17 19:05
L7	2433	L5 and ((model\$4 or CAD) and simulat\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/17 19:42
L8	2	"20040181304".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/17 19:05

## EAST Search History

L9	2	L8 and (indentor near2 blank)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/17 19:08
L10	2	"5365457".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/17 19:07
L11	1	L5 and ((indentor or indenter) with prob\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/17 19:08
L12	6	L5 and ((indentor or indenter) with prob\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/17 19:10
L13	1	L10 and ((indentor or indenter) with prob\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/17 19:11
L14	0	L10 and needle	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/17 19:11
L15	3	L12 and needle	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/17 19:11
L16	0	L10 and ((indentor or indenter) with (prob\$3 or needle)) and (prob\$3 and needle)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/17 19:12

## EAST Search History

L17	3	L5 and ((indenter or indenter) with (prob\$3 or needle)) and (prob\$3 and needle)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/17 19:27
L18	3	L7 and L12	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/17 19:14
L19	1	L7 and ((indenter or indenter or indentation or nanoindent\$4 or nano-indent\$4 or ((nano or micro) adj (indent\$4)) or micro-indent\$4 or microindent\$4) with (test\$3 or prob\$3 or needle or pointer or pin)) and (needle or pin)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/17 19:31
L20	6	L7 and ((indenter or indenter or indentation or nanoindent\$4 or nano-indent\$4 or ((nano or micro) adj (indent\$4)) or micro-indent\$4 or microindent\$4) with (test\$3 or prob\$3 or needle or pointer or pin)) and (needle or pin sharp)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/17 19:36
L21	6	L7 and ((indenter or indenter or indentation or nanoindent\$4 or nano-indent\$4 or ((nano or micro) adj (indent\$4)) or micro-indent\$4 or microindent\$4) with (test\$3 or prob\$3 or needle or pointer or pin)) and (needle or pin or sharp-point\$3 or sharppoint\$3 or sharp\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/17 20:38
L22	8	L7 and ((spherical or pyrimidal or cone or cone-shaped or Vickers or Rockwell or Berkovich) with (prob\$3 or needle or pointer or pin or sharp-point\$3 or sharppoint\$3)) and (needle or pin or sharp-point\$3 or sharppoint\$3 or sharp\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/17 20:36
L23	13	L21 or L22	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/17 19:40

## EAST Search History

L24	2	"6134954".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/17 19:42
L25	1196	73/81,82,85.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/17 19:42
L26	20	L25 and ((model\$4 or CAD) and simulat\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/17 20:37
L27	17	L26 and (needle or pin or sharp-point\$3 or sharppoint\$3 or sharp\$4 or point or pointer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/17 20:07
L28	27	L27 or L23	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/17 19:47
L30	5	L28 and ((needle or pin or sharp-point\$3 or sharppoint\$3 or sharp\$4 or point or pointer) with (strong or strength))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/17 19:53
L31	41	L25 and ((needle or pin or sharp-point\$3 or sharppoint\$3 or sharp\$4 or point or pointer) with (strong or strength))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/17 19:52
L32	7	L25 and ((needle or pin or sharp-point\$3 or sharppoint\$3 or sharp\$4 or point or pointer) near2 (strong or strength))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/17 19:53

## EAST Search History

L33	40	L5 and ((needle or pin or sharp-point\$3 or sharppoint\$3 or sharp\$4 or point or pointer) near2 (strong or strength))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/17 19:53
L34	13	L28 and (needle or pin or sharp-point\$3 or sharppoint\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/17 19:58
L35	2	"4918379".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/17 19:58
L36	13	("4494139"   "4668982"   "4786867"   "4918374"   "4934064"   "4999764"   "5065092"   "5189707"   "5198756"   "5530374"   "5537204"   "5657394"   "6002426").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/17 19:59
L37	1	L36 and checkplate	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/17 19:59
L38	88	L25 and (needle)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/17 20:07
L39	16438	L1 L2 L3 L4 I25	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/17 20:35
L40	8	L7 and ((spherical or pyrimidal or cone or cone-shaped or Vickers or Rockwell or Berkovich) with (prob\$3 or needle or pointer or pin or sharp-point\$3 or sharppoint\$3)) and (needle or pin or sharp-point\$3 or sharppoint\$3 or sharp\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/17 20:37

## EAST Search History

L41	1	L7 and ((spherical or pyrimidal or cone or cone-shaped or Vickers or Rockwell or Berkovich) with (prob\$3 or needle or pointer or pin or sharp-point\$3 or sharppoint\$3)) and ((needle or pin or sharp-point\$3 or sharppoint\$3 or sharp\$4 or point\$3) with (penetrat\$3 or pierc\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/17 20:38
L42	2450	L39 and ((model\$4 or CAD) and simulat\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/17 20:37
L44	2	L42 and ((spherical or pyrimidal or cone or cone-shaped or Vickers or Rockwell or Berkovich) with (prob\$3 or needle or pointer or pin or sharp-point\$3 or sharppoint\$3)) and ((needle or pin or sharp-point\$3 or sharppoint\$3 or sharp\$4 or point\$3) with (penetrat\$3 or pierc\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/17 20:47
L45	72	L39 and ((indenter or indenter or indentation or nanoindent\$4 or nano-indent\$4 or ((nano or micro) adj (indent\$4)) or micro-indent\$4 or microindent\$4) with (test\$3 or prob\$3 or needle or pointer or pin)) and ((needle or pin or sharp-point\$3 or sharppoint\$3 or sharp\$4 or point\$3) with (penetrat\$3 or pierc\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/17 20:39
L46	4	L42 and ((indenter or indenter or indentation or nanoindent\$4 or nano-indent\$4 or ((nano or micro) adj (indent\$4)) or micro-indent\$4 or microindent\$4) with (test\$3 or prob\$3 or needle or pointer or pin)) and ((needle or pin or sharp-point\$3 or sharppoint\$3 or sharp\$4 or point\$3) with (penetrat\$3 or pierc\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/17 20:47
L47	2	L44 and L46	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/17 20:40

## EAST Search History

L48	4	L44 or L46	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/17 20:40
L49	8	L42 and (indent or indenter or indentation or nanoindent\$4 or nano-indent\$4 or ((nano or micro) adj (indent\$4)) or micro-indent\$4 or microindent\$4) and ((needle or pin or sharp-point\$3 or sharppoint\$3 or sharp\$4 or point\$3) with (penetrat\$3 or pierc\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/17 20:48